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AF 655037

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WDR - Germany
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of direct current, has demonstrated that an increase
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the same manner as with the use of a sodium nitrate
solution and with alternating current. The increase
in ductility is retained after a 15 minute period of
annealing at temperatures up to 1350° C. The surface
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Vol 2, No 6

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Wktr - Germany
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Sci - Minerals/Metals
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Scientific - Engineering; Minerals/metals

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Sci - Min/Met
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<p>Pieper, J. A. MAGNESIUM FIRES AND THEIR CONTROL. [1963] 11p (figs omitted) 6rcds Order from SLA \$1.10</p> <p>TT-64-10232</p> <p>Trans. of Metallwirtschaft [Metallwissenschaft, Metalltechnik] (Germany) 1939, v. 18, p. 833-835.</p> <p>DESCRIPTORS: Magnesium, *Magnesium alloys, Combustion, *Fires, *Fire extinguishers,</p> <p>(Engineering--Safety, '51, v. 11, no. 9)</p>	<p>TT-64-10232</p> <p>I. Pieper, J. A.</p> <p>Office of Technical Services</p> 
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EEur - Germany

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Sci - Metals/Minerals
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Sci - Min/Metals
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S.L.A. Tr 57-155

Sci - Engineering
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METALS. [1963] 14p (figs omitted)
Order from SLA \$1.60

TT-64-10233

Trans. of Metallwirtschaft [Metallwissenschaft,
Metalltechnik] (Germany) 1940, v. 19, p. 404-407.

DESCRIPTORS: Metals, Combustion, Explosions,
*Fires, Magnesium, *Magnesium alloys, *Fire
extinguishers, Safety.

TT-64-10233

I. Berger, H.

(Engineering-Safety, TT, v. 11, no. 9)

Office of Technical Services

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Especially on Screws and Complicated Parts, by
E. Fenner, L. Koch, 7 pp.

GERMAN, pag, Metallwirtschaft, Vol XIX, Nov 1940,
pp 1005-1007.

SLA 57-1076

May 58

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Rummel, W., Esmarch, W., and Beuther, F.
DEGASSING OF ALUMINUM BY SOUND AND ULTRASOUND. [1962] (10) p.
Order from SLA \$1.10

Transl. of Metallwirtschaft [Metallwissenschaft, Metalltechnik] (Germany) 1940, v. 19, p. 1029-1033.

DESCRIPTORS: *Aluminum, Degassification, Sound, Ultrasonic radiation, *Aluminum alloys, *Magnesium alloys.

Two different avenues of approach were taken in the test program. Externally generated sound waves were introduced into the melt by means of suitable transducing agents. The vibrations were generated within the melt itself by relying on the ponderomotoric action between alternating currents of sonic frequency and a static magnetic field. The shortest degassing periods were (Metallurgy--Light Metals, TT, v. 9, no. 10) (over)

62-2882

I. Rummel, W.
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